



BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
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www.miamidade.gov/building/

NOTICE OF ACCEPTANCE (NOA)

CertainTeed Corporation (PA)
1400 Union Meeting RD
P.O. Box 1100
Blue Bell PA 19422

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County BNC - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BNC reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: FlintFast Roofing Fasteners Assemblies

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This renews NOA#10-0223.03 and consists of pages 1 through 6.
The submitted documentation was reviewed by Alex Tigera.



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Expiration Date: 09/27/16
Approval Date: 08/25/11
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ROOFING COMPONENT APPROVAL:

Category: Roofing
Sub-Category: Roofing Fasteners
Material: Steel

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
FlintFast #14	.235" dia. x 12" max. length; #3 phillips head.	TAS 114 TAS 117	Modified DP type, milled slot self-drilling point, 13 single lead threads per inch. Carbon steel fastener for use in concrete, steel and wood decks. With Tru-Kote PC-3 coating.
FlintFast #12	.209" dia. x 12" max. length; #3 phillips truss head.	TAS 114 TAS 117	Modified DP type, milled slot self-drilling point, 15½ double lead threads per inch carbon steel fastener with Tru-Kote PC-3 coating. For use in steel and wood decks.
FlintFast 3"	3.23" diameter x .016" thick.	TAS 114 TAS 117	Galvalume steel, AZ50, stress plate for use with all Truss, Bugle or Flat Head FlintFast Screws.

MANUFACTURING LOCATION:

1. Bryan, OH..

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Name</u>	<u>Report Identifier</u>	<u>Date</u>
Factory Mutual Research Corporation	Pull Out/Shear Data	J.I. 1G1A6.AM	03/26/82
		J.I. 1H2A0.AM	05/26/83
		J.I. 0N0A7.AM	05/9/86
		J.I. 0J9A1.AM	07/11/85
		J.I. 0N0A8.AM	10/07/86
		J.I. 0V7A4.AM	06/10/92
		J.I. 1W7A7.AM	03/17/93
		J.I.# 1Q2A2.AM	10/27/89
	Corrosion Resistance	J.I. 0P0Q8.AM	03/09/89
Exterior Research & Design, LLC.	TAS 117 (A), (B) & (C)	#4712.02.98-1	02/15/98



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TYPICAL PROPERTIES:

Note: A 2 to 1 margin of safety has been applied to test results producing the design values noted herein.

Withdrawal Resistance Performance - TAS 117(A) - <u>Static</u> Load			
Fastener	Deck Type	min. Penetration / Embedment	Static Withdrawal Resistance (lbf)
FlintFast #12	Min. 19/32" plywood	1/2"	182
	Min. 22 ga. grade A steel	1/2"	142
FlintFast #14	Min. 19/32" plywood	1/2"	210
	Min. 22 ga. grade A steel	1/2"	206
	Min. 3,000 psi concrete	1"	372

Withdrawal Resistance Performance - TAS 117(A) - <u>Pulsating</u> Load			
Fastener	Deck Type	min. Penetration / Embedment	Static Withdrawal Resistance (lbf)
FlintFast #12	Min. 19/32" plywood	1/2"	157
	Min. 22 ga. grade A steel	1/2"	116
FlintFast #14	Min. 19/32" plywood	1/2"	181
	Min. 22 ga. grade A steel	1/2"	181
	Min. 3,000 psi concrete	1"	360

Base Sheet Rupture Performance - TAS 117(B), FlintFast 3" (with 2 to 1 margin of safety applied)			
Base Sheet	Value	Base Sheet	Value
Celotex Vaporbar GB	92	Johns Manville PermaPly 28	74
Firestone MB Base Sheet	100	Johns Manville PermaPly R	145
Firestone SBS Base Sheet	124	Johns Manville Glasbase	79
GAFLAS #75	70	Johns Manville Ventsulation	102
GAFLAS Stratavent	99	Johns Manville Glas Ply Premier	113
GAFLAS Ply 4	70	Siplast Parabase	102
GAF Ruberoid Base	95	Siplast Parabase Plus	90
CertainTeed Glas Base	77	SOPREMA Sopra-G	77
CertainTeed Flex-I-Glas Base	119	SOPREMA Modified Sopra-G	90
CertainTeed Poly SMS Base	178	SOPREMA Sopravent	120
Malarkey #501	80	WP Hickman Pika Ply SS-3	209
Malarkey #515	89	WP Hickman SA-2	224
Malarkey #602	123		
Malarkey #603	133		
Malarkey #605	179		

- Notes:**
- The physical properties listed above are presented at typical average values as determined by accepted ASTM test methods and Florida Building Code Testing Protocols and are subject to normal manufacturing variation.
 - A 2 to 1 margin of safety has been applied to test results providing the above noted design values.



APPROVED APPLICATIONS:

• **TRADENAME:** FlintFast #12

System Type A: Single Ply, Adhered or Mechanically Attached

Compatible Plate(s): Plastic or FlintFast-3 insulation plates and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Notice of Acceptance.

Generic Insulation Types: Polyisocyanurate, Fiber Glass, Perlite, Rockwool, High Density Wood Fiber, Polystyrene, Urethane/Perlite Composite.

Application: Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.

Deck: 18-22 ga. steel, wood, min. $\frac{19}{32}$ " plywood or wood plank

System Type B: Built-up, Conventional, New or Reroof

Compatible Plate(s): Plastic or FlintFast -3 insulation plates and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Notice of Acceptance.

Generic Insulation Types: Polyisocyanurate, Fiber Glass, Perlite, Rockwool, High Density Wood Fiber, Polystyrene, Urethane/Perlite Composite.

Application: Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.

Deck: 18-22 ga. steel, wood, min. $\frac{19}{32}$ " plywood or wood plank

System Type C: Built-up Roofing, Modified Bitumen, New or Reroof

Compatible Plate(s): Plastic or FlintFast-3 insulation plates and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Notice of Acceptance.

Generic Insulation Types: Polyisocyanurate, Fiber Glass, Perlite, Rockwool, High Density Wood Fiber, Polystyrene, Urethane/Perlite Composite.

Application: Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.

Deck: 18-22 ga. steel, wood, min. $\frac{19}{32}$ " plywood or wood plank



• **TRADENAME: FlintFast #14**

System Type A:	Single Ply, Adhered or Mechanically Attached
Compatible Plate(s):	Plastic or FlintFast-3 insulation plates and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Notice of Acceptance.
Generic Insulation Types:	Polyisocyanurate, Fiber Glass, Perlite, Rockwool, High Density Wood Fiber, Polystyrene, Urethane/Perlite Composite.
Application:	Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
Deck:	18-22 ga. steel, wood, min. $\frac{19}{32}$ " plywood or wood plank and min. 2500 psi concrete.
System Type B:	Built-up, Conventional, New or Reroof
Compatible Plate(s):	Plastic or FlintFast-3 insulation plates and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Notice of Acceptance.
Generic Insulation Types:	Polyisocyanurate, Fiber Glass, Perlite, Rockwool, High Density Wood Fiber, Polystyrene, Urethane/Perlite Composite.
Application:	Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
Deck:	18-22 ga. steel, wood, min. $\frac{19}{32}$ " plywood or wood plank and min 2500 psi concrete.
System Type C:	Built-up Roofing, Modified Bitumen, New or Reroof
Compatible Plate(s):	Plastic or FlintFast-3 insulation plates and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Notice of Acceptance
Generic Insulation Types:	Polyisocyanurate, Fiber Glass, Perlite, Rockwool, High Density Wood Fiber, Polystyrene, Urethane/Perlite Composite.
Application:	Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
Deck:	18-22 ga. steel, wood, min. $\frac{19}{32}$ " plywood or wood plank and min 2500 psi concrete.

GENERAL LIMITATIONS:

1. Refer to Assembly Notices of Acceptance for use, density and attachment patterns.
2. Fasteners shall be installed in accordance with manufacturer's published installation instructions.
3. Care shall be taken not to puncture or tear the base sheet or insulation facer during fastener installation. Application recommendations are noted in Roofing Application Standard TAS 117.
4. CertainTeed Corporation, fasteners are a component part of Miami-Dade Approved Roof Assembly. These products are approved for use only with those roof assemblies approved for use with the components listed herein.
5. Any modifications to this Notice of Acceptance shall void such approval.
6. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9B-72 of the Florida Administrative Code.
7. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



END OF THIS ACCEPTANCE



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